

Lancaster 2017 Congress 5 General Audit Report

Lancaster Ballot Audit Report  
 Election: 2017 Congress 5 General  
 Audit Date: 12:05:58, Fri Jun 23, 2017

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	i Vo	Flash	i Vo	Opt	Man	Delta	
0001	Antioch	150	0	150	0	150	0	0	0	
0002	Lake House	1004	0	1004	0	1004	0	0	0	
0003	Camp Creek	130	0	130	0	130	0	0	0	
0004	Carmel	114	0	114	0	114	0	0	0	
0005	Chesterfield Ave	179	0	179	0	179	0	0	0	
0006	Douglas	317	0	317	0	317	0	0	0	
0007	Dwight	229	0	229	0	229	0	0	0	
0008	Elgin	272	0	272	0	272	0	0	0	
0009	Erwin Farm	202	0	202	0	202	0	0	0	
0010	Gooch's Cross Rds	194	0	194	0	194	0	0	0	
0011	Heath Springs	215	0	215	0	215	0	0	0	
0012	Hyde Park	229	0	229	0	229	0	0	0	
0013	Jacksonham	319	0	319	0	319	0	0	0	
0014	Kershaw North	233	0	233	0	233	0	0	0	
0015	Kershaw South	266	0	266	0	266	0	0	0	
0016	Lancaster East	219	0	219	0	219	0	0	0	
0017	Lancaster West	148	0	148	0	148	0	0	0	
0018	Lynwood Drive	295	0	295	0	295	0	0	0	
0019	Midway	109	0	109	0	109	0	0	0	
0020	Pleasant Hill	198	0	198	0	198	0	0	0	
0021	Pleasant Valley	443	0	443	0	443	0	0	0	
0022	Rich Hill	143	0	143	0	143	0	0	0	
0023	Riverside	234	0	234	0	234	0	0	0	
0024	Spring Hill	144	0	144	0	144	0	0	0	
0025	Unity	208	0	208	0	208	0	0	0	
0026	Van Wyck	152	0	152	0	152	0	0	0	
0032	Possum Hollow	389	0	389	0	389	0	0	0	
0033	University	394	0	394	0	394	0	0	0	
0034	Shelley Mullis	279	0	279	0	279	0	0	0	
0035	Black Horse Run	399	0	399	0	399	0	0	0	
0036	Gold Hill	94	0	94	0	94	0	0	0	
0037	Harri s burg	412	0	412	0	412	0	0	0	
0038	Osceola	442	0	442	0	442	0	0	0	
0039	River Road	375	0	375	0	375	0	0	0	
0040	The Lodge	1269	0	1269	0	1269	0	0	0	
Precincts Total :		10399	0	10399	0	10399	0	0	0	
0750	Absentee	934	231	703	0	703	231	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	1	0	1	0	1	0	0	0	
0900	Provisional	9	9	0	0	0	9	0	0	
0950	Failsafe Provisional	4	4	0	0	0	4	0	0	
Virtual Precincts Total :		948	244	704	0	704	244	0	0	
Grand Total :		11347	244	11103	0	11103	244	0	0	

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NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 22  
 The following precincts have no ballots cast in them: Emergency  
 This audit is complete and has no exceptions.

Status of ERM Reports  
 EL30A is marked Official  
 EL45A is marked Official

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots
11103	11103	11103
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	11103
	Cast By Poll Wkr	0
	Blank Cast by PW	0
	Cancelled Ballots	48
	Wrong Ballot	8
	Voter Left AB	0
	Voter Left BB	0
	Voter Request	7
	Printer Problem	5
	Terminal Problem	6
	Other Reason	22

(AB = After ballot selected by poll worker.)  
 (BB = Before ballot selected by poll worker.)

Number of audio (ADA) events in this election: 0

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precinct line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

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The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log. The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report. This table should indicate that the number of ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 report that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

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 Lancaster Vote Level Audit Report  
 Election: 2017 Congress 5 General  
 Audit Date: 12:06:46, Fri Jun 23, 2017

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	

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0001	Anti och	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	53	0	53	0	53	0	
U. S.	House of Representatives	District 5	David Kulma	(GRN)	1	0	1	0	1	0	
U. S.	House of Representatives	District 5	Ralph Norman	(REP)	95	0	95	0	95	0	
U. S.	House of Representatives	District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S.	House of Representatives	District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0002	Lake House	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	367	0	367	0	367	0	
U. S.	House of Representatives	District 5	David Kulma	(GRN)	4	0	4	0	4	0	
U. S.	House of Representatives	District 5	Ralph Norman	(REP)	629	0	629	0	629	0	
U. S.	House of Representatives	District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Victor Kocher	(LIB)	1	0	1	0	1	0	
U. S.	House of Representatives	District 5	Write-In		1	0	1	0	1	0	
0003	Camp Creek	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	31	0	31	0	31	0	
U. S.	House of Representatives	District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Ralph Norman	(REP)	99	0	99	0	99	0	
U. S.	House of Representatives	District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0004	Carmel	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	65	0	65	0	65	0	
U. S.	House of Representatives	District 5	David Kulma	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Ralph Norman	(REP)	48	0	48	0	48	0	
U. S.	House of Representatives	District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0005	Chesterfield Ave	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	157	0	157	0	157	0	
U. S.	House of Representatives	District 5	David Kulma	(GRN)	2	0	2	0	2	0	
U. S.	House of Representatives	District 5	Ralph Norman	(REP)	20	0	20	0	20	0	
U. S.	House of Representatives	District 5	Josh Thornton	(AMR)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0006	Douglas	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	178	0	178	0	178	0	
U. S.	House of Representatives	District 5	David Kulma	(GRN)	2	0	2	0	2	0	
U. S.	House of Representatives	District 5	Ralph Norman	(REP)	132	0	132	0	132	0	
U. S.	House of Representatives	District 5	Josh Thornton	(AMR)	4	0	4	0	4	0	
U. S.	House of Representatives	District 5	Victor Kocher	(LIB)	0	0	0	0	0	0	* No Audit Data expected or found
U. S.	House of Representatives	District 5	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0007	Dwight	#####									
U. S.	House of Representatives	District 5	Archie Parnell	(DEM)	55	0	55	0	55	0	

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U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Ralph Norman	(REP)	171	0	171	0	171 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found	
0008 Elgin #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	118	0	118	0	118 0	
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Ralph Norman	(REP)	148	0	148	0	148 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	3	0	3	0	3 0	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found	
0009 Erwin Farm #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	120	0	120	0	120 0	
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Ralph Norman	(REP)	81	0	81	0	81 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found	
0010 Gooch's Cross Rds #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	116	0	116	0	116 0	
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Ralph Norman	(REP)	73	0	73	0	73 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	3	0	3	0	3 0	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found	
0011 Heath Springs #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	113	0	113	0	113 0	
U. S. House of Representatives District 5	David Kulma	(GRN)	2	0	2	0	2 0	
U. S. House of Representatives District 5	Ralph Norman	(REP)	98	0	98	0	98 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found	
0012 Hyde Park #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	95	0	95	0	95 0	
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Ralph Norman	(REP)	132	0	132	0	132 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1 0	
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found	
0013 Jacksonham #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	120	0	120	0	120 0	
U. S. House of Representatives District 5	David Kulma	(GRN)	3	0	3	0	3 0	
U. S. House of Representatives District 5	Ralph Norman	(REP)	192	0	192	0	192 0	
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found	
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1 0	

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U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0014 Kershaw North	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	129	0	129	0	129	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	99	0	99	0	99	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	2	0	2	0	2	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0015 Kershaw South	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	54	0	54	0	54	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	212	0	212	0	212	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0016 Lancaster East	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	151	0	151	0	151	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	65	0	65	0	65	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	2	0	2	0	2	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0017 Lancaster West	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	84	0	84	0	84	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	61	0	61	0	61	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1	0
U. S. House of Representatives District 5	Write-In		1	0	1	0	1	0
0018 Lynwood Drive	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	141	0	141	0	141	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	151	0	151	0	151	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	0	2	0	2	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0019 Midway	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	19	0	19	0	19	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	90	0	90	0	90	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0020 Pleasant Hill	#####							
U. S. House of Representatives District 5	Archie Parnell	(DEM)	90	0	90	0	90	0

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U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	103	0	103	0	103	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	0	2	0	2	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0021 Pleasant Valley #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	213	0	213	0	213	0
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	224	0	224	0	224	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	0	2	0	2	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	3	0	3	0	3	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0022 Rich Hill #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	35	0	35	0	35	0
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	107	0	107	0	107	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0023 Riverside #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	143	0	143	0	143	0
U. S. House of Representatives District 5	David Kulma	(GRN)	2	0	2	0	2	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	86	0	86	0	86	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	0	2	0	2	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0024 Spring Hill #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	35	0	35	0	35	0
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	107	0	107	0	107	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0025 Unity #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	72	0	72	0	72	0
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	135	0	135	0	135	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0026 Van Wyck #####								
U. S. House of Representatives District 5	Archie Parnell	(DEM)	57	0	57	0	57	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	92	0	92	0	92	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	2	0	2	0	2	0

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U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0032	Possum Hollow	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	148	0	148	0	148	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	237	0	237	0	237	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	0	2	0	2	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	2	0	2	0	2	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0033	University	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	176	0	176	0	176	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	216	0	216	0	216	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0034	Shelley Mullis	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	149	0	149	0	149	0
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	127	0	127	0	127	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0035	Black Horse Run	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	150	0	150	0	150	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	245	0	245	0	245	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	0	2	0	2	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0036	Gold Hill	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	32	0	32	0	32	0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	60	0	60	0	60	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0037	Harri sburg	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	156	0	156	0	156	0
U. S. House of Representatives District 5	David Kulma	(GRN)	1	0	1	0	1	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	248	0	248	0	248	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	6	0	6	0	6	0
U. S. House of Representatives District 5	Write-In		0	0	0	0	0	* No Audit Data expected or found
0038	Osceola	#####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	192	0	192	0	192	0



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U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	248	0	248	0	248 0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	1	0	1	0	1 0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found

0039 River Road #####

U. S. House of Representatives District 5	Archie Parnell	(DEM)	154	0	154	0	154 0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	221	0	221	0	221 0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found

0040 The Lodge #####

U. S. House of Representatives District 5	Archie Parnell	(DEM)	476	0	476	0	476 0
U. S. House of Representatives District 5	David Kulma	(GRN)	2	0	2	0	2 0
U. S. House of Representatives District 5	Ralph Norman	(REP)	785	0	785	0	785 0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	6	0	6	0	6 0
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found

0750 Absentee #####

U. S. House of Representatives District 5	Archie Parnell	(DEM)	533	163	370	0	370 0
U. S. House of Representatives District 5	David Kulma	(GRN)	2	0	2	0	2 0
U. S. House of Representatives District 5	Ralph Norman	(REP)	394	66	328	0	328 0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	2	2	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.

U. S. House of Representatives District 5	Victor Kocher	(LIB)	1	0	1	0	1 0
U. S. House of Representatives District 5	Write-In		1	0	1	0	1 0

0800 Emergency #####

U. S. House of Representatives District 5	Archie Parnell	(DEM)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found

0850 Failsafe #####

U. S. House of Representatives District 5	Archie Parnell	(DEM)	1	0	1	0	1 0
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found

0900 Provisional #####

U. S. House of Representatives District 5	Archie Parnell	(DEM)	5	5	0	0	* All votes cast for this candidate * in this precinct are optical.
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U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data for optical.
U. S. House of Representatives District 5	Ralph Norman	(REP)	4	4	0	0	* No Audit Data expected or found * All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found
0950	Fail safe Provisional #####						
U. S. House of Representatives District 5	Archie Parnell	(DEM)	2	2	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
U. S. House of Representatives District 5	David Kulma	(GRN)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Ralph Norman	(REP)	2	2	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.
U. S. House of Representatives District 5	Josh Thornton	(AMR)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Victor Kocher	(LIB)	0	0	0	0	* No Audit Data expected or found
U. S. House of Representatives District 5	Write-In		0	0	0	0	* No Audit Data expected or found

There was no unmatched audit data

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all Write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit

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file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidates. That number should always match the number of votes cast for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

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 Lancaster EL30A45A Comparison Report  
 Election: 2017 Congress 5 General  
 Audit Date: 12: 8: 2, Fri Jun 23, 2017

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
U. S. House of Representatives District 5	Archie Parnell	(DEM)	4985	170	4815	0	4985	170	4815	0	0
U. S. House of Representatives District 5	David Kulma	(GRN)	30	0	30	0	30	0	30	0	0
U. S. House of Representatives District 5	Ralph Norman	(REP)	6237	72	6165	0	6237	72	6165	0	0
U. S. House of Representatives District 5	Josh Thornton	(AMR)	35	2	33	0	35	2	33	0	0
U. S. House of Representatives District 5	Victor Kocher	(LIB)	35	0	35	0	35	0	35	0	0
U. S. House of Representatives District 5	Write-In		3	0	3	0	3	0	3	0	0

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical

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scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt), iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report. The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A report. Each of the values in each line on the EL30A side must match the same value on the EL45A side and the Delta value must be zero.

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 Lancaster PEB Use Report  
 Election: 2017 Congress 5 General  
 Audit Date: 12:05:58, Fri Jun 23, 2017

Precinct	PEBs Used	Comments
Anti och	166938	
Lake House	173885	
Camp Creek	144607	
Carmel	113256	
Chesterfield Ave	116250	
Douglas	146833	
Dwight	133073	
Elgin	152357	
Erwin Farm	118444	
Gooch's Cross Rds	117757	
Heath Springs	124170	
Hyde Park	113566	
Jacksonham	150488	
Kershaw North	142489	
Kershaw South	146836	
Lancaster East	124191	
Lancaster West	149497	
Lynwood Drive	146772	
Midway	140870	
Pleasant Hill	124840	
Pleasant Valley	246178	
Rich Hill	143749	
Riverside	138584	
Spring Hill	150938	
Unity	166940	
Van Wyck	245643	

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Possum Hollow	246049
University	136560
Shelley Mullis	123045
Black Horse Run	124092
Gold Hill	245628
Harri sburg	229825
Osceola	139807
River Road	121098
The Lodge	154873
Absentee	133357
Fail safe	133357

37 precincts processed

The following precinct(s) have no ballots cast in them: Emergency  
 Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

How to read this report:

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.

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Lancaster PEB Exceptions Report  
 Election: 2017 Congress 5 General  
 Election date: 06/20/2017  
 Audit Date: 12:05:58, Fri Jun 23, 2017

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5101936	133357	05/22/2017 14:57:40	133357	06/20/2017 19:06:14	>>Open Date<<	Absentee - 177 Fail safe - 1
5101936	133357	05/22/2017 14:57:40	133357	06/20/2017 19:06:14	Open Time	Absentee - 177 Fail safe - 1
5126133	133357	05/22/2017 14:58:59	133357	06/20/2017 19:05:15	>>Open Date<<	Absentee - 175
5126133	133357	05/22/2017 14:58:59	133357	06/20/2017 19:05:15	Open Time	Absentee - 175
5128822	133357	05/22/2017 15:01:27	133357	06/20/2017 19:04:03	>>Open Date<<	Absentee - 175
5128822	133357	05/22/2017 15:01:27	133357	06/20/2017 19:04:03	Open Time	Absentee - 175
5131388	133357	05/22/2017 15:02:01	133357	06/20/2017 19:01:52	>>Open Date<<	Absentee - 176

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here
- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information: iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and the Precinct and the Ballots Cast on that machine.

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date of 06/20/2017. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.